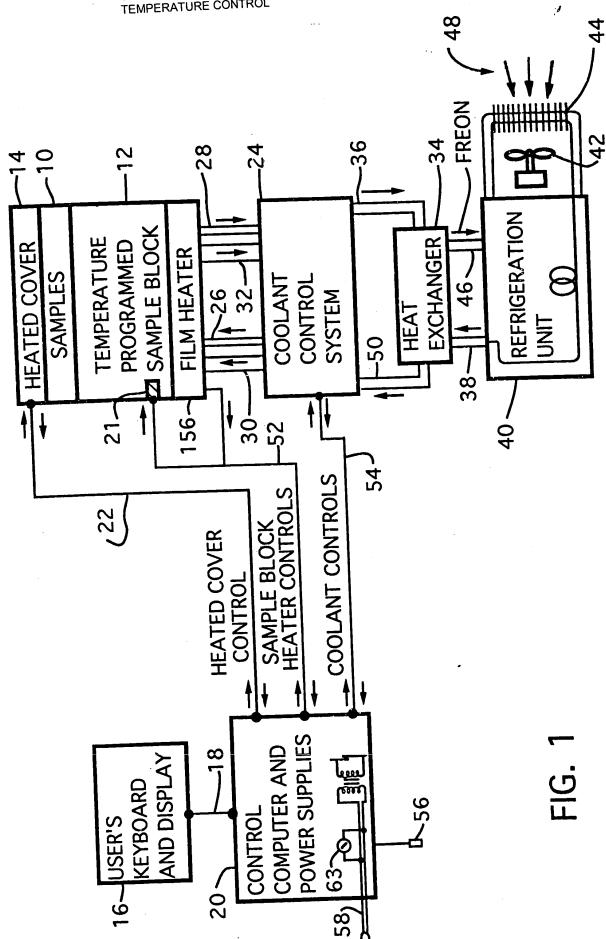
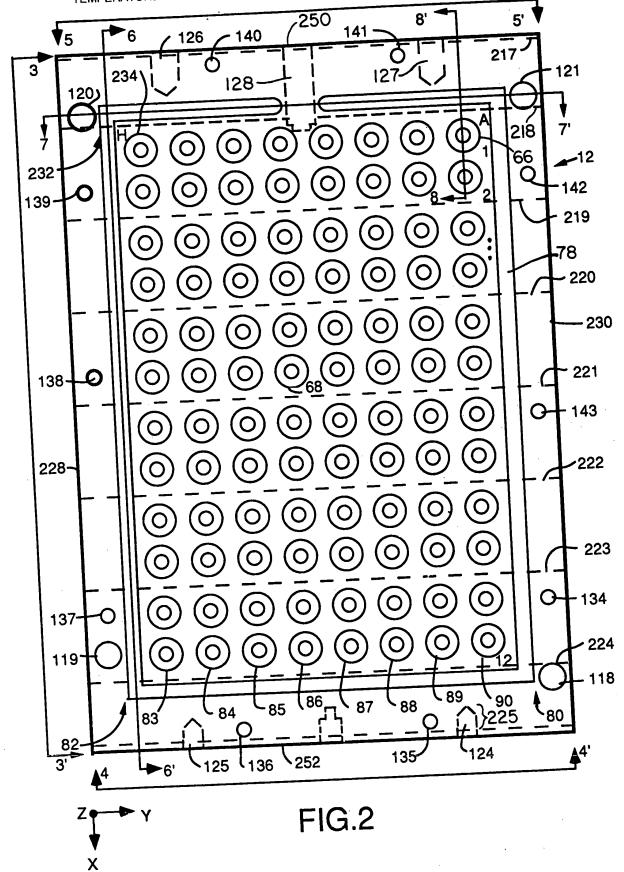
Applicant(s): Atwood et al. THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

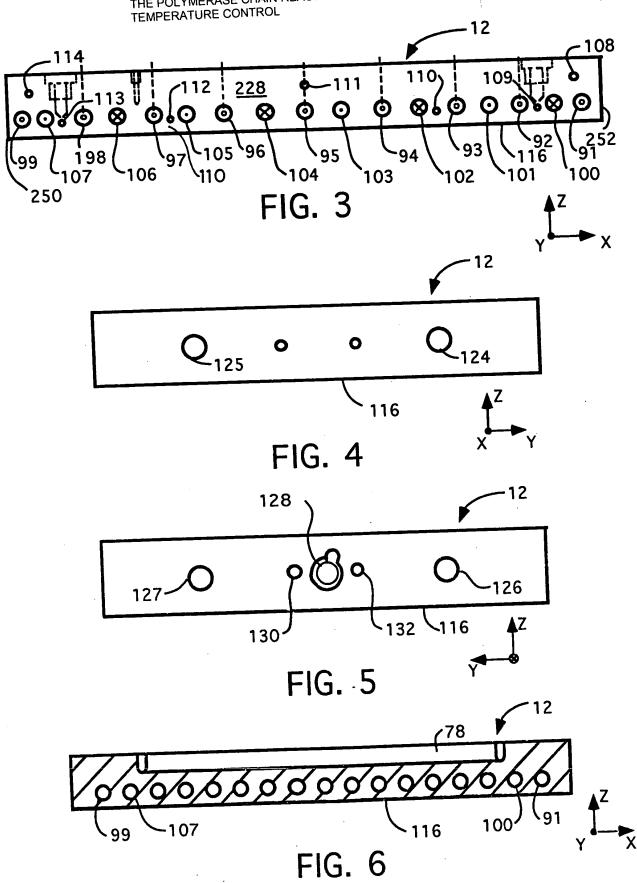


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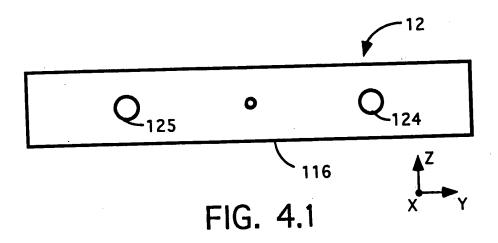
THE POLYMERASE CHAIN REACTION WITH CLOSE



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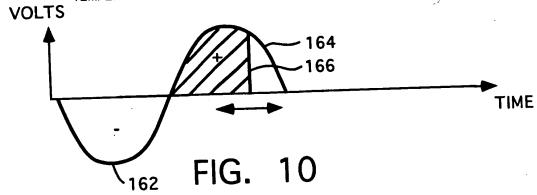
Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE

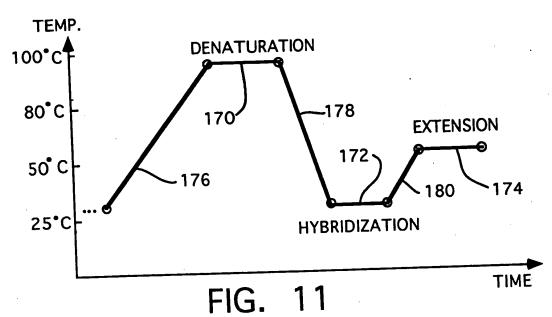


THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL ,120 **78** -121 78 128 **~116** FIG. 7 12 78 66 67 0 0 -116 107 98 106  $D_{I}^{M}$ FIG. 8 12. 224 223 146<sup>•</sup> 226 12217 781 (218 225 78 221 /219 220 100 152 154 148-FIG. 9

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
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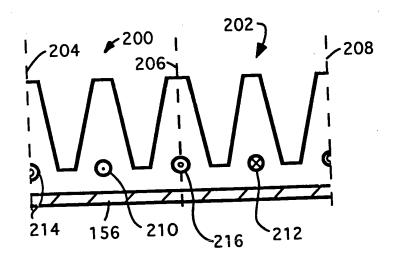


FIG. 12

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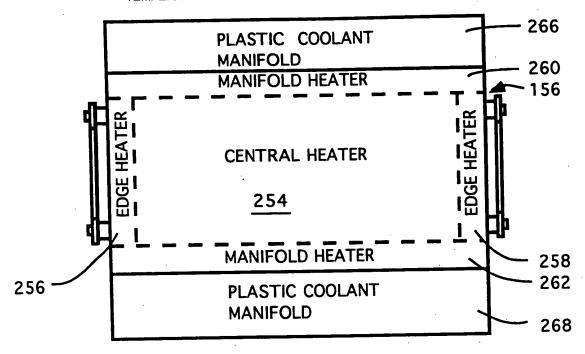


FIG. 13

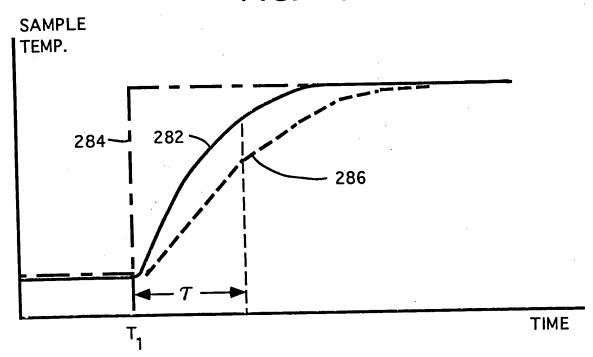


FIG. 14

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

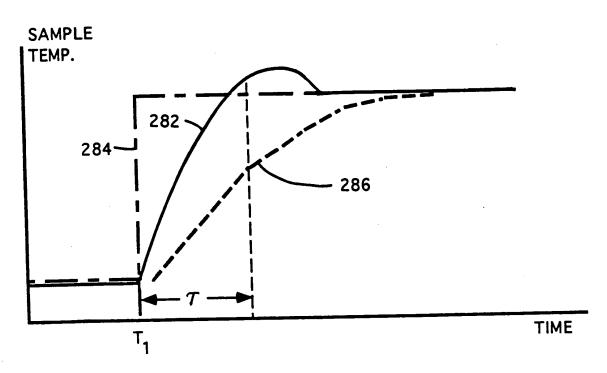


FIG. 14.1

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

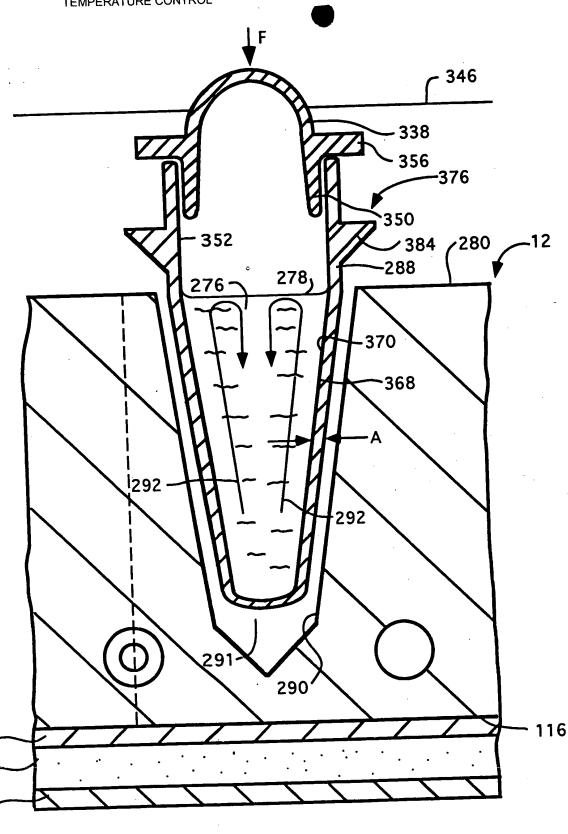


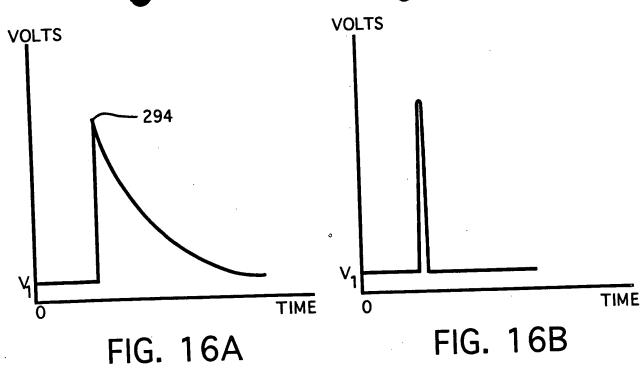
FIG. 15

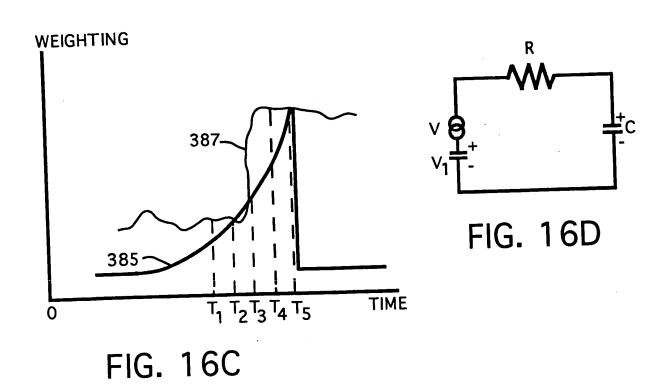
1561

158

160

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THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

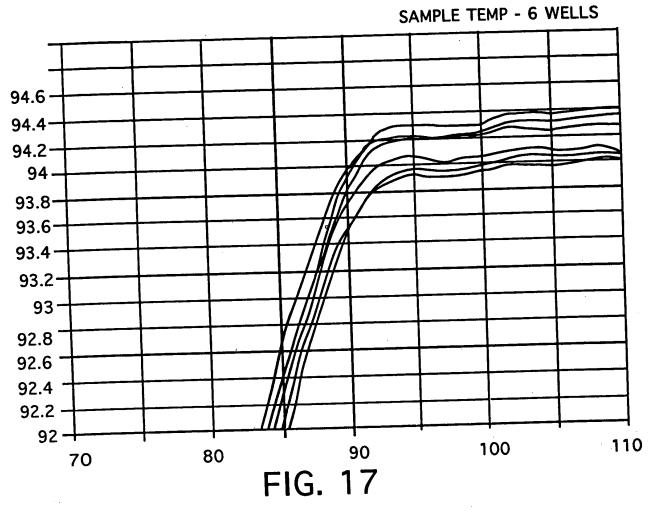


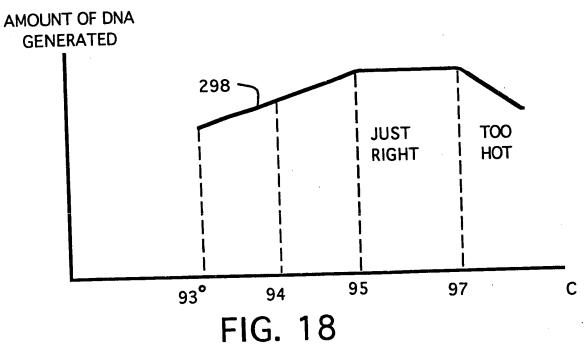


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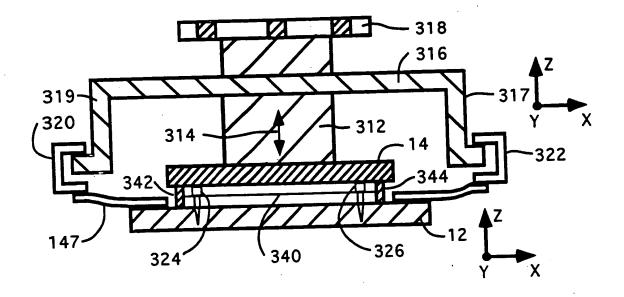


FIG. 19

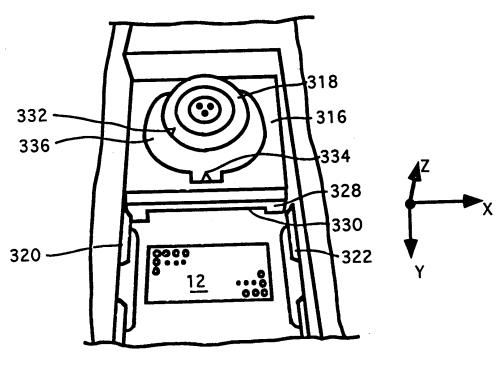


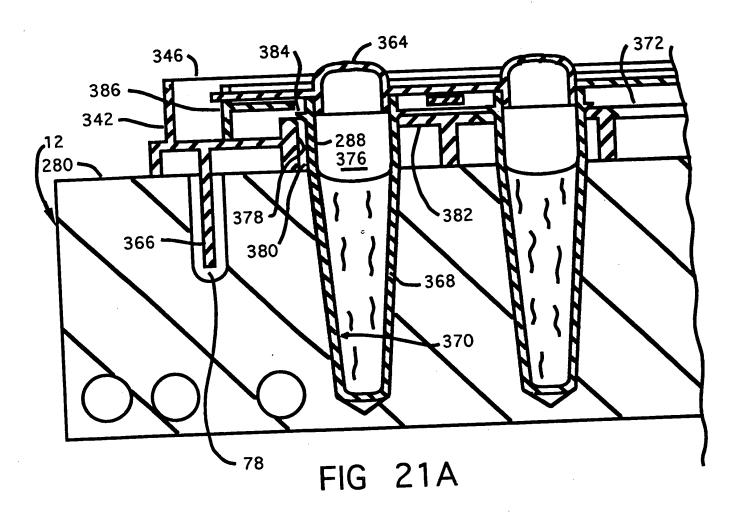
FIG. 20

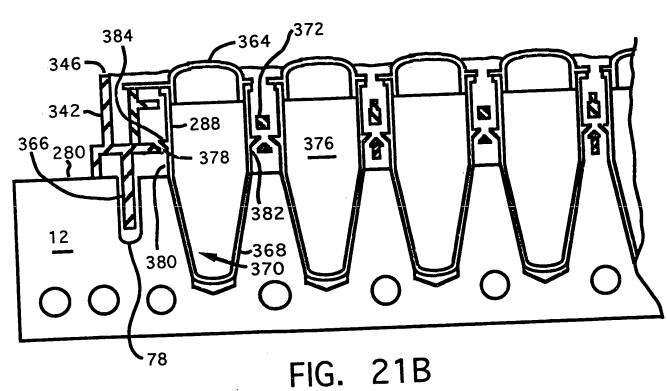
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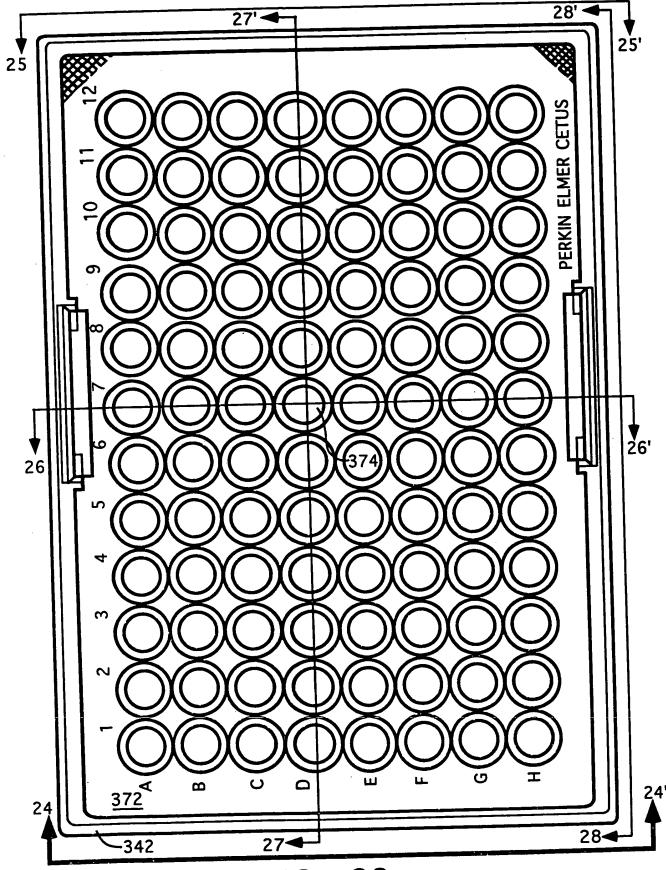




Applicant(s): Atwood et al.

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

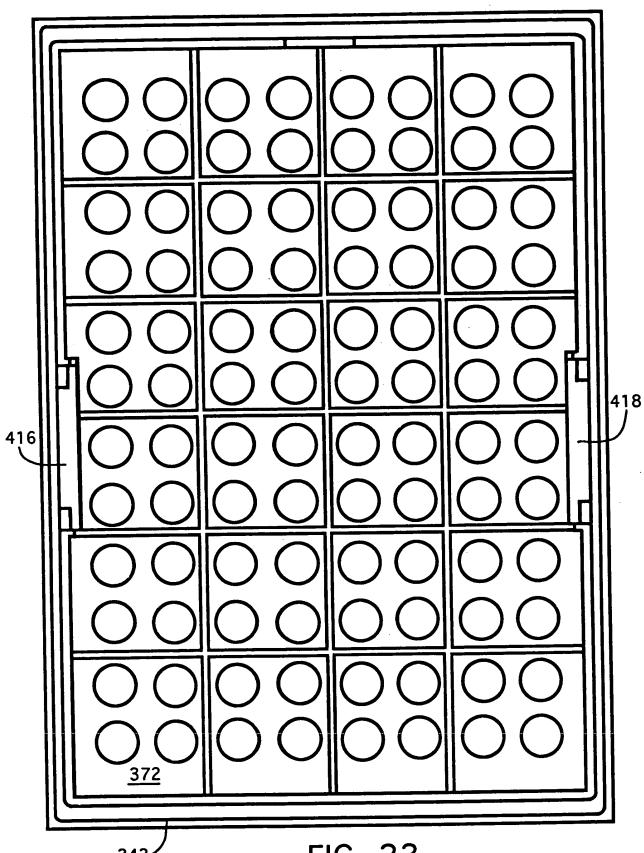
TEMPERATURE CONTROL



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

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FIG. 23

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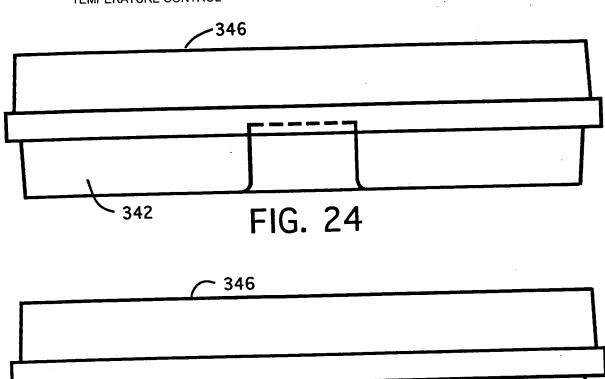


FIG. 25

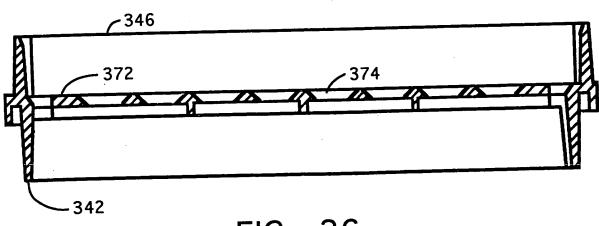
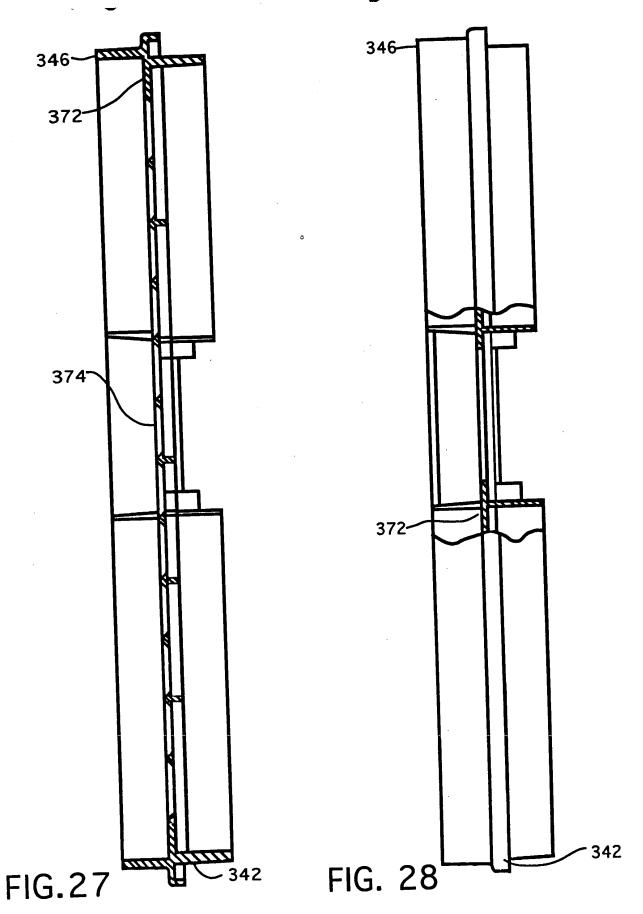


FIG. 26

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THE POLYMERASE CHAIN REACTION WITH CLOSE
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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

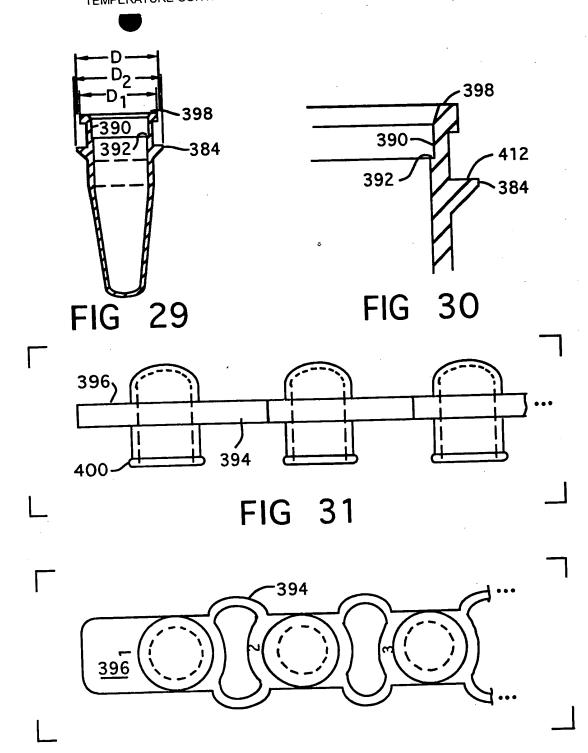
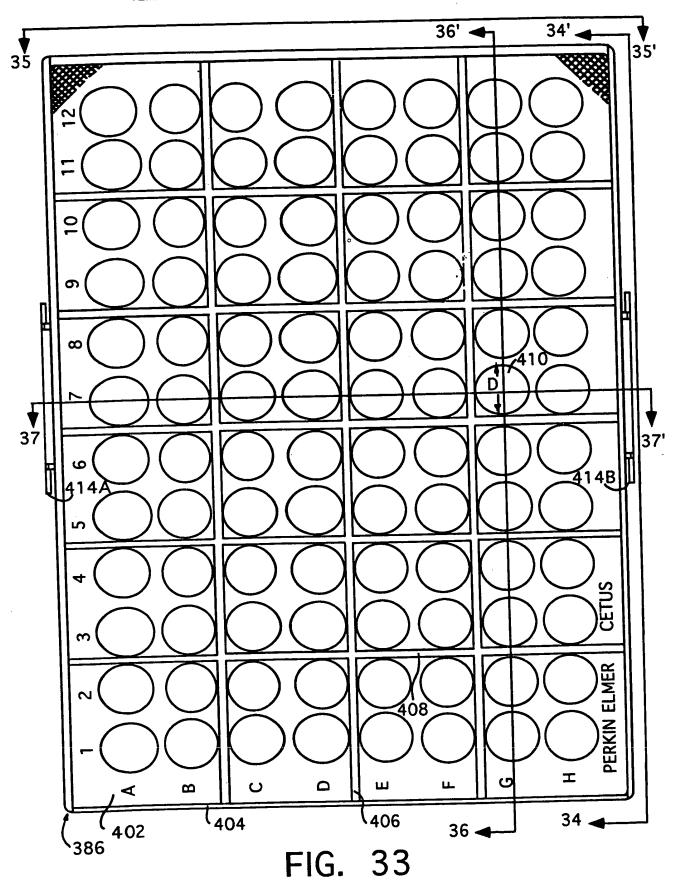


FIG 32

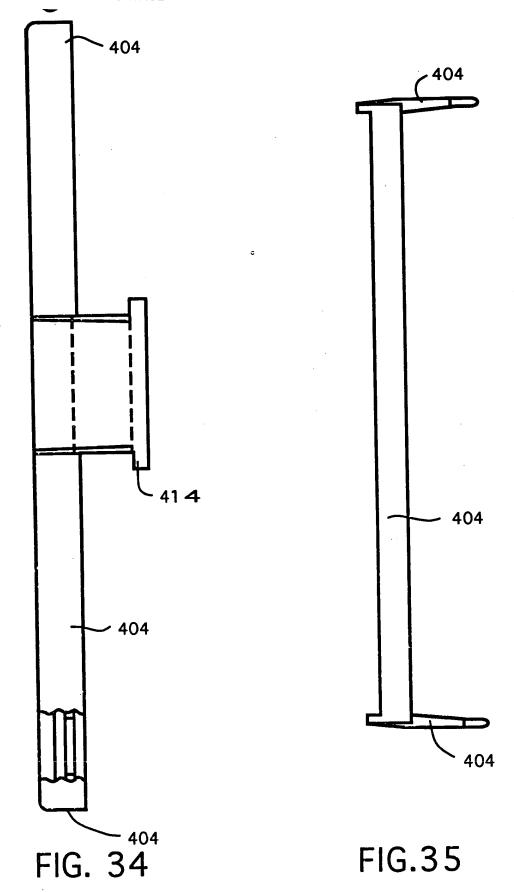
Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE



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Applicant(s): Atwood et al.
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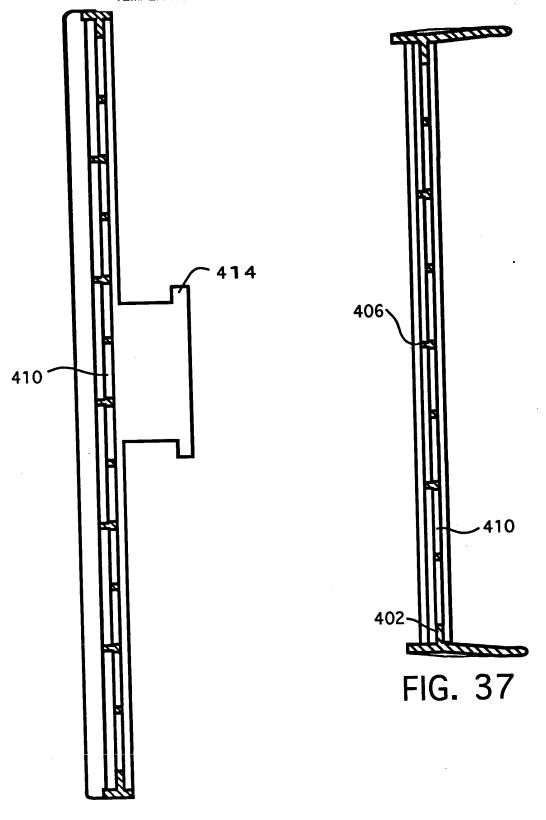
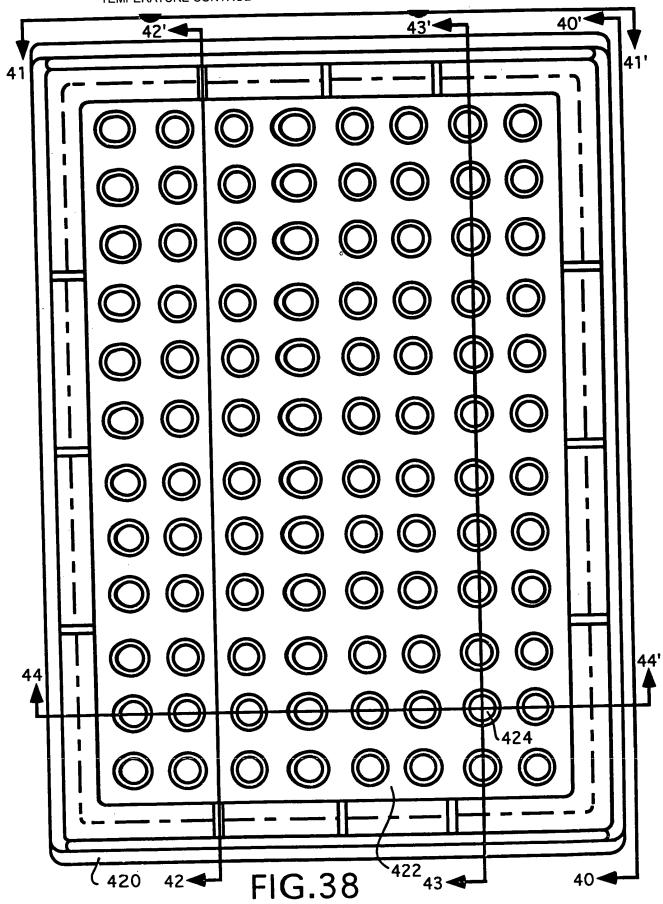


FIG. 36

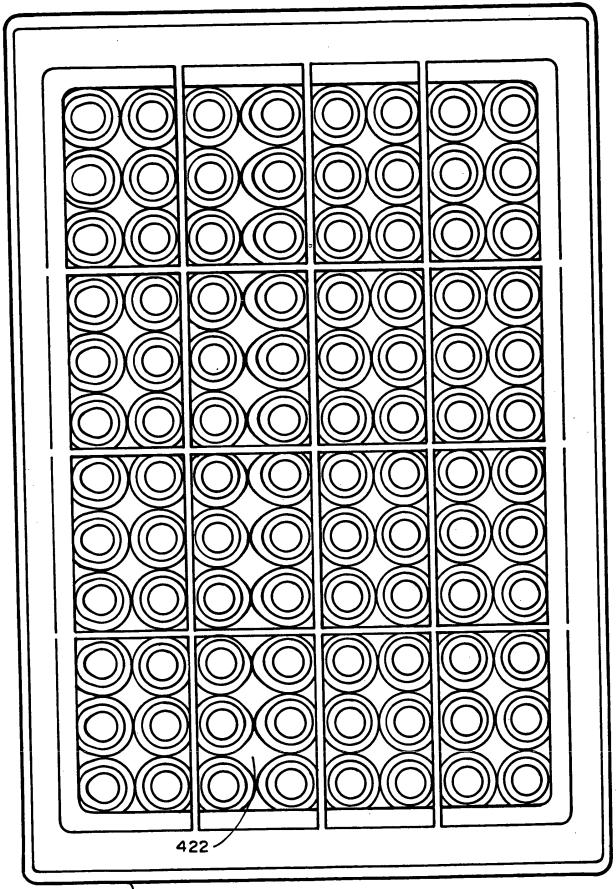
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

TEMPERATURE CONTROL



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



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Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

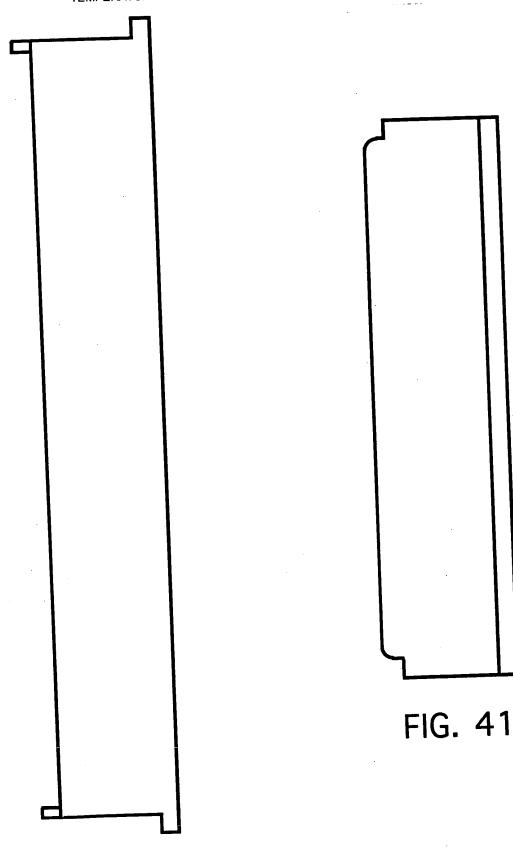


FIG. 40

Applicant(s): Atwood et al. THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

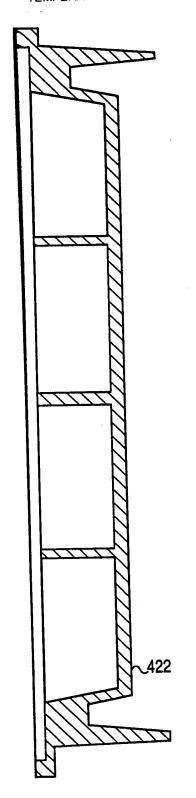


FIG. 42

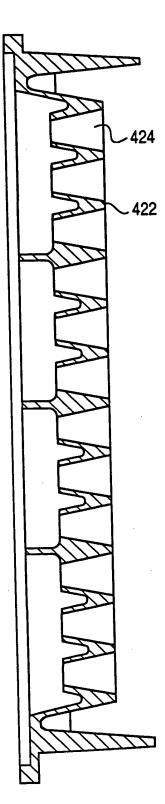


FIG. 43

Applicant(s): Atwood et al. THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL  $\mathbf{O}$ **O O O O**  $\mathbf{O}$ **O (D)** O **(D) O O O** 

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FIG. 45

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THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

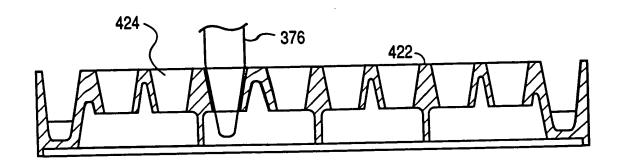


FIG. 44

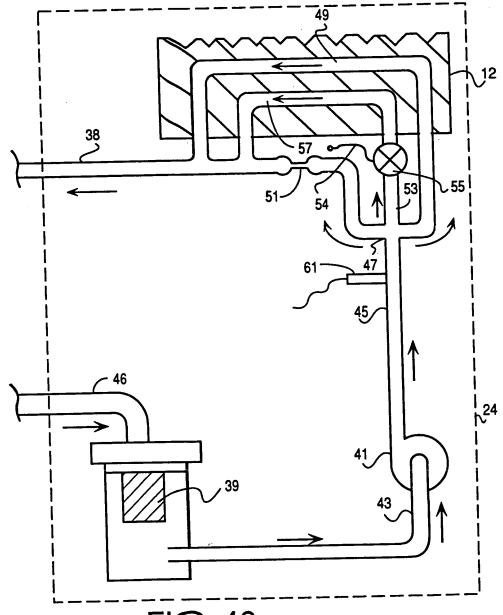
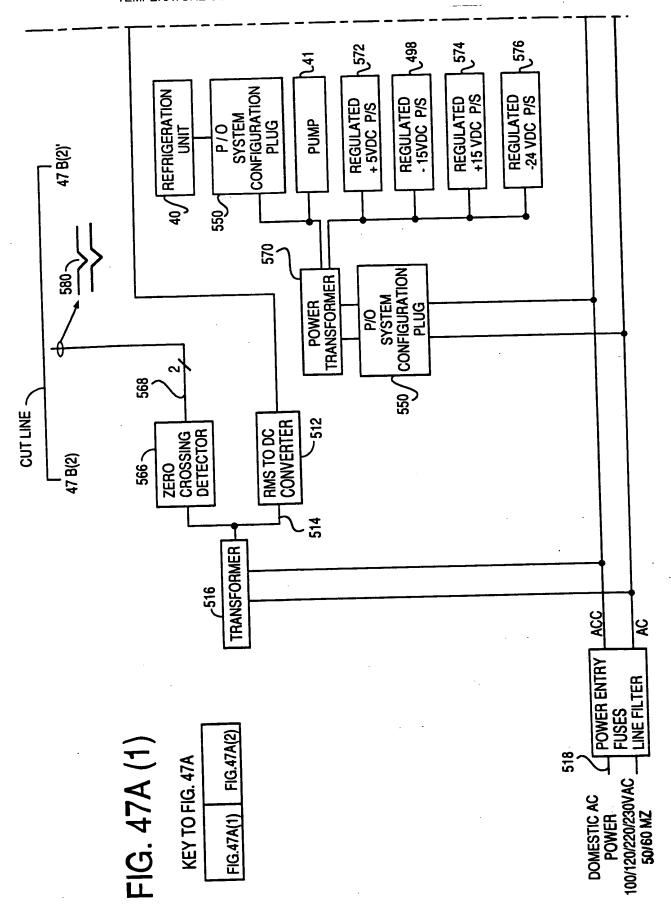
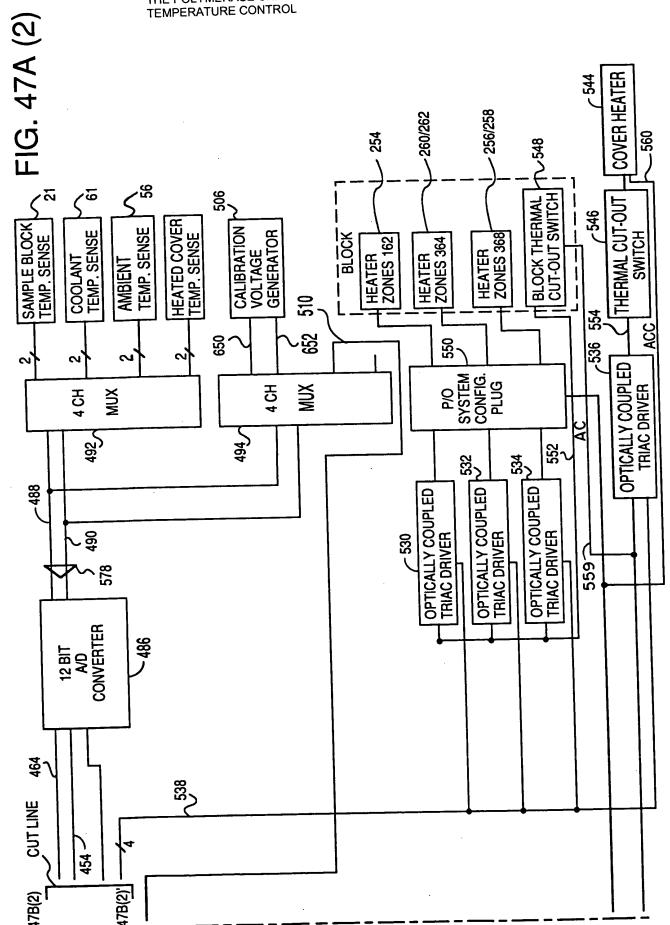


FIG. 46

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



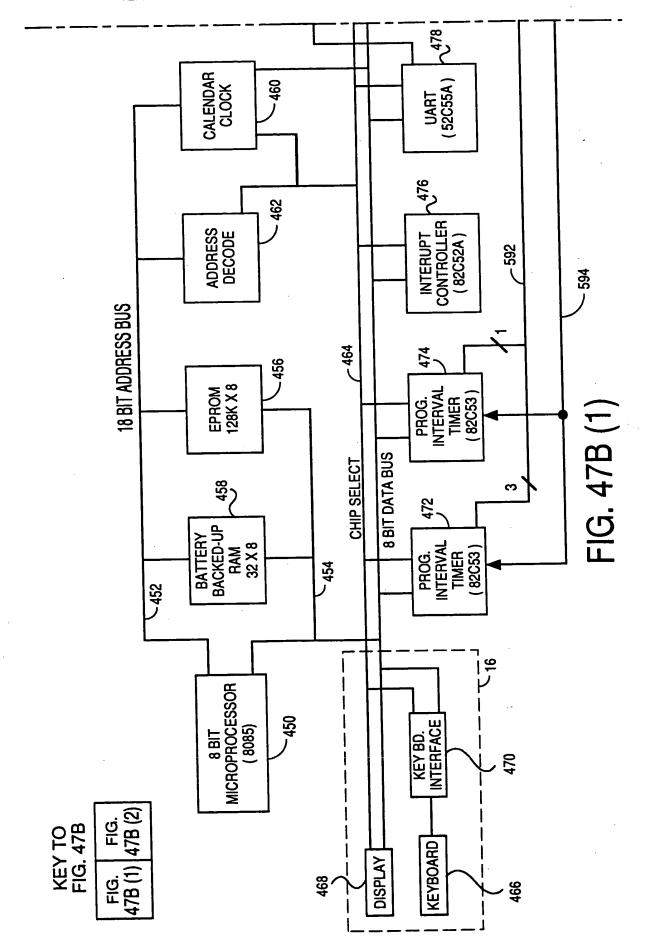
Applicant(s): Atwood et al. THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



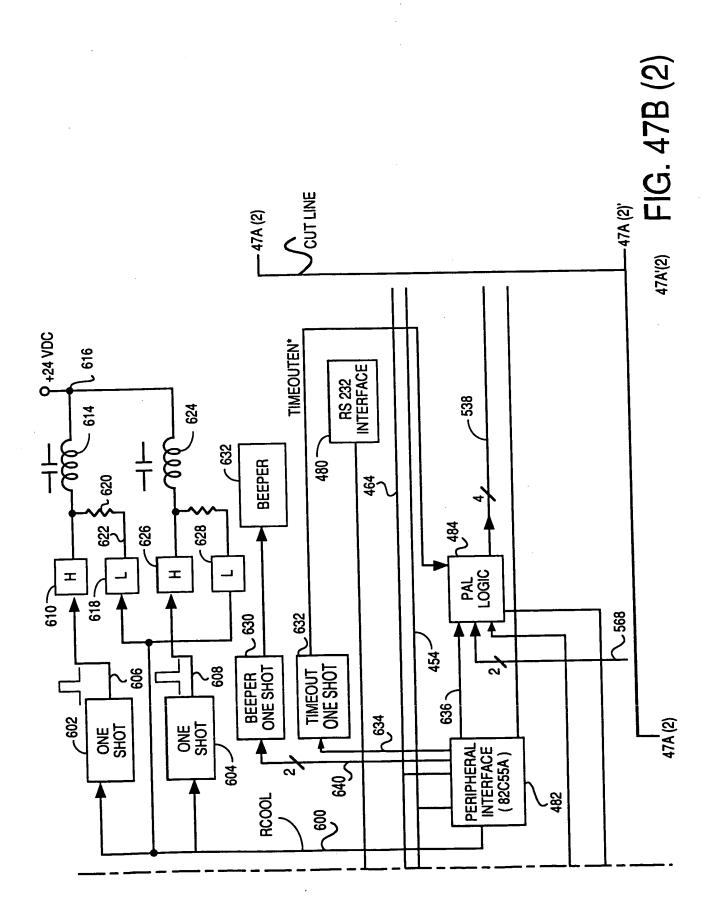
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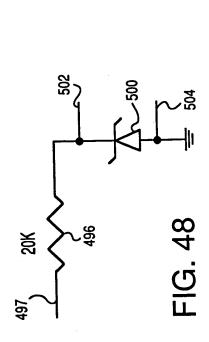
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

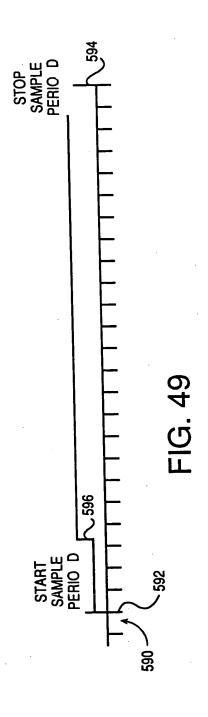


Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

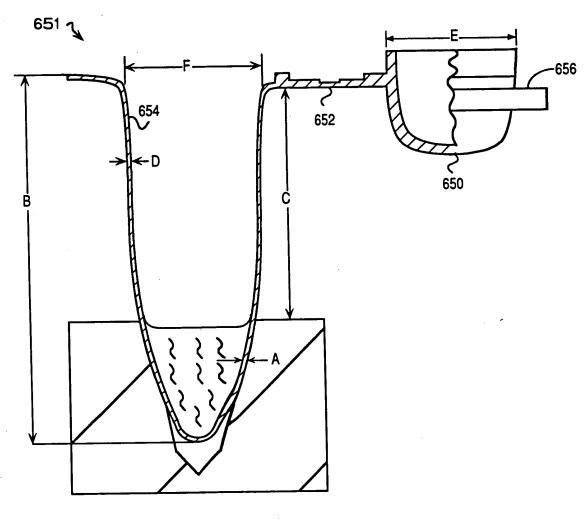


FIG. 50

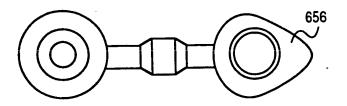


FIG. 52

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Matter No.: 07759-019004 Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE

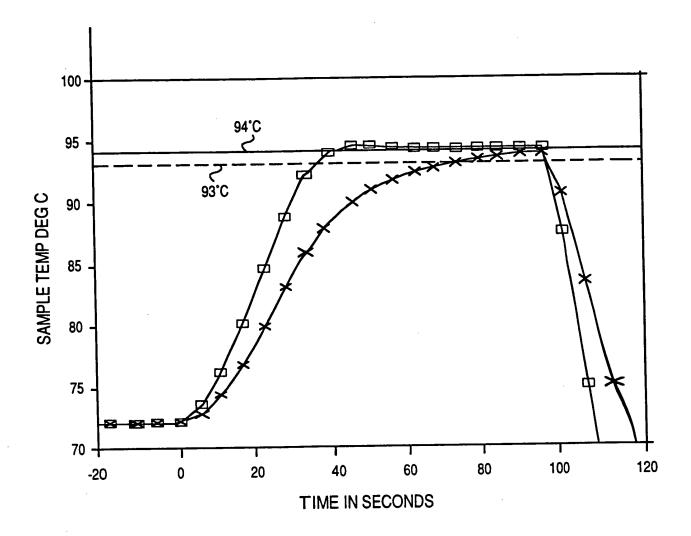


FIG. 51

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

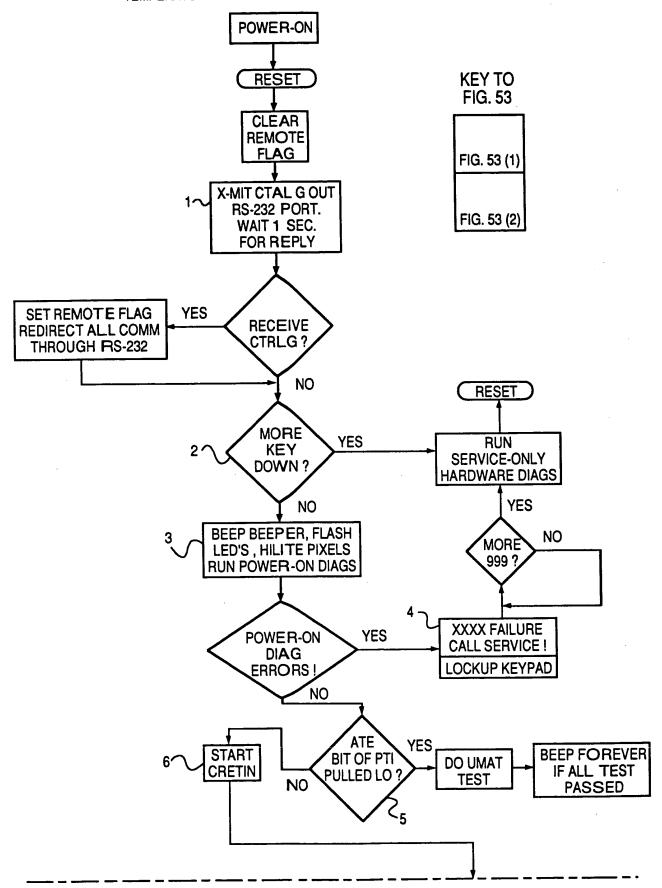


FIG. 53 (1)

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF

THE POLYMERASE CHAIN REACTION WITH CLOSE

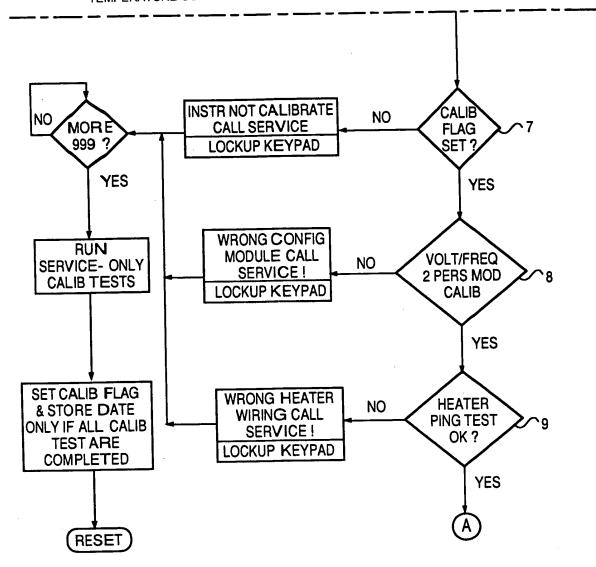


FIG. 53 (2)

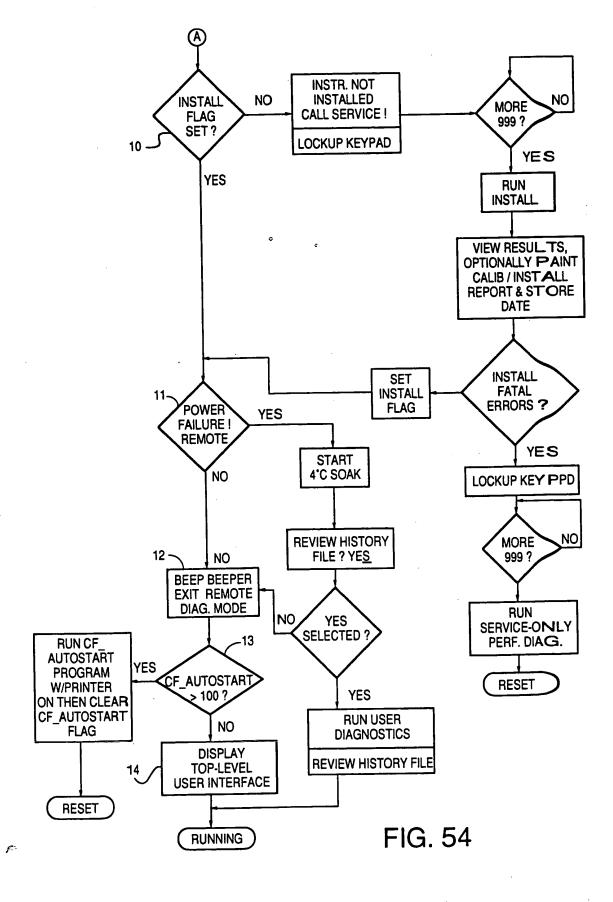
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Matter No.: 07759-019004 Applicant(s): Atwood et al.

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THE POLYMERASE CHAIN REACTION WITH CLOSE

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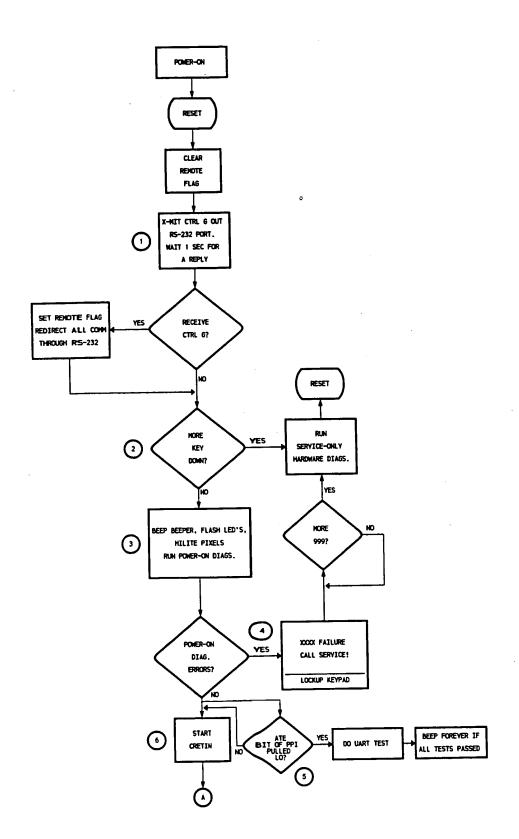


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Figure 55 (55.1 and 55.2)

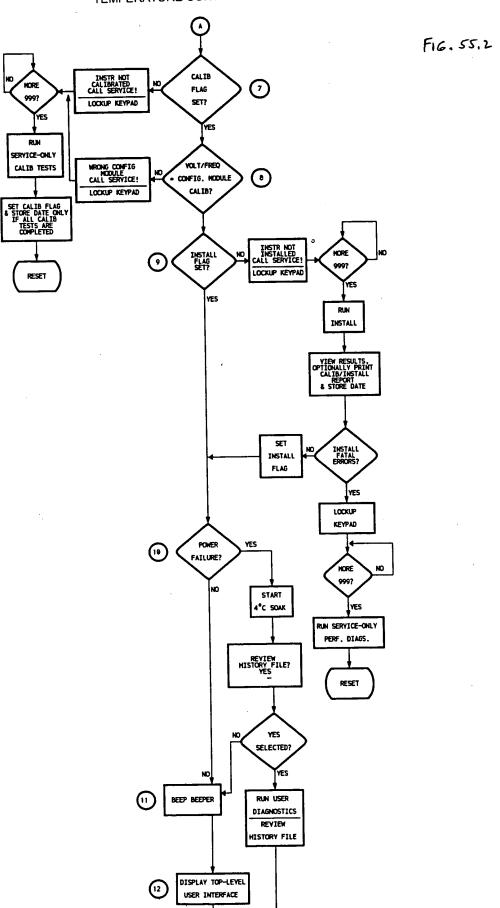
Figure 55.1



THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF

THE POLYMERASE CHAIN REACTION WITH CLOSE

TEMPERATURE CONTROL



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